

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE STANDARD**

**WATERING FACILITY**

(No.)

**CODE S614**

**CONSTRUCTION SPECIFICATIONS**

The foundation area of all storage structures shall be cleared of all trees, brush, sod, loose rock, and other material not suitable for subgrade.

All concrete shall be placed on a well-drained subgrade. Where the storage tank base is placed on embankment, these fill materials will be properly compacted or shall consist of sand, gravel, or crushed rock.

Where steel rim and concrete floor join, the metal shall be protected by a bituminous, epoxy, or similar coating.

After excavating to the proper depth, the soil material from inside steel rim, all sticks, stones, and other sharp-pointed objects shall be removed from the surface, and subgrade leveled and smoothed prior to placing membrane.

The silty sand or sand covering of membrane shall be made prior to sealing edges of membrane to inside of steel rim.

Surfaces of membrane and steel rim shall be cleared of all sand and soil particles prior to applying sealant.

When tires are used, extreme care will be used to assure that the tire doesn't move during placement of the concrete or until it hardens.

All construction shall be performed in a workmanlike manner, and the job site shall have a neat appearance when finished.

Construction shall be in accordance with detailed plans and specifications.

Applicable additional specifications as required will be provided for each job from those listed in the index to Nebraska Construction and Material Specifications.